

ARCHITECTURAL MODEL I & II

OVERVIEW: TSA members or chapters entering the Architectural Model contest are required to submit a floor plan and a three dimensional model of a structure as depicted by the floor plan. This event is not limited to residential structures. The annual national design problem determines the type of Architectural Model for a given conference year. This is a National Event.

I. CONTEST PURPOSE

The Architectural Model event provides an opportunity for TSA members to demonstrate their ability to plan, draw, and construct an architectural model to scale for an annual design problem.

II. SCOPE OF CONTEST - this contest consists of two parts.

A. One part will consist of the judging of the actual Architectural Model and floor plan.

B. The second part will consist of an interview with the judges, not to exceed 10 minutes.

III. ELIGIBILITY

A. Must be current TSA state and national member and registered State Conference participant.

B. This is a team event. Maximum of two entries per level, per chapter. Maximum of four students per team (entry) may participate.

IV. LIMITATIONS

While this is not a timed event, all schedules must be adhered to as presented in Sections V and VI (the contest may begin the first day of school and end the day prior to leaving for the Spring conference).

V. SPECIFIC REGULATIONS

A. National rules may differ from state rules. Individuals planning on participating in national competition must adhere to national rules.

B. Special Contest Rules.

1. The Architectural Model cannot be placed on a site board **larger than 24" x 36"**. Costs must not exceed \$100.00.

2. This is a suggested list of materials that may be used in constructing the Architectural Model (glass or liquid **may not** be used).

a. Balsa.

b. Plywood.

c. Hardboard.

d. Styrofoam/urethane.

e. Dowels.

f. Illustration board.

(Glass or liquid will **not** be used as part of the model)

3. A complete list of materials will accompany each entry.

4. Roof must be removable to expose interior. If more than one level, floors must be removable also.

5. Floor and wall coverings such as rugs, linoleum, wallpaper, etc., may be used in the construction of the structure.

6. No furniture is to be included in the model; however, attached built-ins may be included.
 7. Floor plan (only) may be submitted to fulfill the model requirements (entries with two stories may have two sheets).
 8. The entry may be an individual or team project. If the chapter enters as a team, the chapter must designate one person to represent the team in the interview.
 9. Commercial kits are not permissible; however, component items (i.e., windows, doors, grass, trees) may be used.
 10. Do not include school and/or student's name on the drawing. A number will be assigned at registration. Maximum drawing sheet size is 24" x 36" (D-size). No other drawings may be submitted.
- C. The interview segment of this competition will be limited to a period of 10 minutes, or as designated by the Event Consultant.

VI. PROCEDURE

- A. Registration - Contest participants must register for the event in accordance with procedures established for the conference.
- B. Contestants must turn in their Architectural Model and drawing during chapter checkin.
- C. Architectural Models may be picked up at the conclusion of the conference.

VII. CRITERIA FOR JUDGING

FOR THE MODEL

Overall appearance (completeness of model, e.g., roof on house).....	15 points
Landscaping.....	15 points
Quality of construction.....	15 points
Interior planning	15 points
Functional Design	15 points
Quality of drawing.....	10 points
Model material list	5 points
Interview	10 points

Total 100 points maximum
 Rules Violation Minus 20 points

Design Considerations:

1. Functional design.
2. Traffic flow.
3. Placement of rooms.
4. Planning within each room.
5. Landscaping and appearance.

	Entry No.
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Maximum Drawing Sheet Size 24" X 36" (D-size)

FOR THE INTERVIEW

Discussion of rationale for overall building design.....	2 points
Selection of building materials (metal, wood, brick, composite)	2 points
Selection and placement of windows and entrances.....	2 points
Landscape and outside treatments	1 points
Site and building placement	1 points
Special treatments and innovative applications.....	1 points
Overall presentation and/or display features	1 points

Total..... 10 Points Maximum

Overall scores will be determined by the totals of the model, drawing, and interview segment of the competition.